

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	49385	frequency adj10 shift	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 13:06
L2	0	1 and (property with dertermin\$)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 13:06
L3	2246	1 and (property with determin\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 13:07
L4	36	3 and (resonan\$4 same tag\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:38
L6	148	("4862160").URPN.	USPAT	OR	ON	2006/12/07 14:17
L7	1151	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:56
L8	3248	235/492.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:39
L9	1319	235/383.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:39
L10	288	235/436.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:40
L11	1075	235/493.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:42
L13	862	340/571.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:51
L15	2271	340/572.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:51
L16	1175	340/568.1.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:03
L17	73	340/673.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:51
L18	559	235/435.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 14:56

## EAST Search History

L19	10678	7 8 9 10 11 13 15 16 17 18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:03
L20	208	19 and (frequency adj shift)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:05
L21	19	19 and (frequency adj shift).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/12/07 15:05
S1	6	(("4862160") or ("5028745") or ("5942991") or ("6020849") or ("6239789") or ("6301763")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/07 12:22
S2	119	("4862160").URPN.	USPAT	OR	ON	2005/06/23 10:18
S3	817	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/23 21:14
S4	82518	resonant\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/23 21:14
S5	6182	frequency near20 tag	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/23 21:14
S6	626	S4 same S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/23 21:14
S7	18	S3 and S6	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/24 08:26
S8	817	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/24 08:27
S9	82518	resonant\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/24 08:27
S10	1	S8 and (S9 same count\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/24 08:28
S11	8	S8 and (S9 same inventory)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/06/24 08:28
S12	54	("4673932").URPN.	USPAT	OR	ON	2005/06/24 08:30
S13	875	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 08:59

## EAST Search History

S14	0	S13 and ((reference adj3 frequency) same (measur\$4 adj4 frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:00
S15	0	S13 and ((reference adj3 frequency) and (measur\$4 adj4 frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:01
S16	4899	((reference adj3 frequency) and (measur\$4 adj4 frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:01
S17	1451	((reference adj3 frequency) same (measur\$4 adj4 frequency))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:01
S19	3	S17 same tag	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:02
S20	0	S17 same rfid	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:02
S21	0	S17 same inventory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:02
S22	5	S17 and inventory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:03
S23	1074	235/383.ccis.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:03
S24	225	S13 and S23	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:04
S25	103	S24 and frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 09:04
S26	12	S24 and (frequency: same determin\$4: same number\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 14:38

## EAST Search History

S27	32	("4816824"   "5001458"   "5151684"   "5206495"   "5218189"   "5239167"   "5313192"   "5444223"   "5481102"   "5533061"   "5583819"   "5604485"   "5649295"   "5680106"   "5818348"   "5874902"   "5939984"   "5952922"   "5966082"   "6018299"   "6019394"   "6040773"   "6091332"   "6094138"   "6100026"   "6104311"   "6107920"   "6107921"   "6121878"   "6130613"   "6147605"   "RE37956").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 09:09
S28	514	tag\$1: same (frequency: same determin\$4: same number\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 16:52
S29	1547	(item article tag) same (frequency: same determin\$4: same number\$1)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 16:52
S30	875	235/385:ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 16:52
S31	23	S30 and S29	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 16:56
S32	77	rfid: same cart: same shopping	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 16:56
S33	6	S32 and S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:02
S34	40554	resonant adj: frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:09
S35	22	S34 and S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:02
S36	22	S34 and 235/385:ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S37	0	("6639514").URPN.	USPAT	OR	ON	2005/10/11 17:07
S38	5	("20020196126"   "5083013"   "5446447"   "5726630"   "6356197").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/11 17:07

## EAST Search History

S39	19270	reference adj frequency	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:09
S40	291	S34 same S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:09
S41	150	S34 near20 S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:09
S42	133	S34 near10 S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:09
S43	14	S34 near S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S44	161	S34 with S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S45	0	S44 and 235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S46	0	S44 and S30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S47	0	S44 same inventory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S48	2	S44 and inventory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/11 17:10
S50	1222	resonant same (reference adj5 frequency)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/15 15:22
S51	10	S50 same tag	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/15 16:33
S52	1222	resonant same (reference adj5 frequency)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/15 16:33
S53	15	S52 same (determin\$6 near20 number)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/15 16:33
S54	125	("4862160").URPN.	USPAT	OR	ON	2005/10/17 07:19

## EAST Search History

S55	24	"625789"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:20
S56	15810	regression near 20 analysis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:20
S57	7	S56 same resonant .	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:35
S58	181	S56 same empirical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:35
S59	0	S58 same resonant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:35
S60	0	S58 and resonant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/17 07:35
S61	3	S58 same frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:12
S62	1075	235/383.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 07:59
S63	2697	235/492.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 07:59
S64	877	235/385.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 07:59
S65	8	S62 and S63 and S64	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 07:59

## EAST Search History

S66	5	S62 and S56	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 08:00
S67	0	S63 and S56	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 08:00
S68	1	S64 and S56	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/17 08:00
S69	38080	frequency near shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 14:12
S70	33	S69 same tag same resonant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 15:09
S71	24	"625789"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 15:17
S72	7	"090120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/13 15:17